

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,580,439 B2
APPLICATION NO. : 10/576688
DATED : August 25, 2009
INVENTOR(S) : Hiroyuki Hayashikawa et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE:

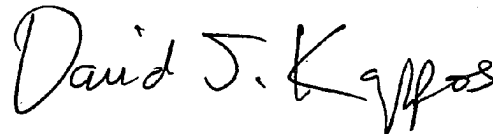
In Item “(56) References Cited”, below the data listed under “FOREIGN
PATENT DOCUMENTS” and before the Examiner Information, insert the following:

--OTHER PUBLICATIONS

Supplementary European Search Report, 6 pages--.

Signed and Sealed this

Twenty-ninth Day of December, 2009

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office